

# CRT Glass Management Options and Scenarios

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- *Under the following scenarios, what are the UW / HW obligations of the **California CRT device recycler**?*
- *What notifications, authorizations, manifests or other documentation / demonstrations must be established and maintained?*
- *What else might be necessary to determine?*

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- **A CRT device recycler in CA** learns of an operation in CA that offers to accept whole (bare) tubes. The downstream operation states that they separate and sort CRT tubes. Non-leaded panel glass is cleaned in an onsite coating removal system and will be used to “manufacture new glass products.” The funnel glass and leaded panel glass are “prepared for lead extraction” through an unidentified process. The CA recycler would like to send intact bare tubes to the downstream CA operator.

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- **A CRT device recycler in CA** learns of an operation in AZ that offers to accept whole (bare) tubes. The AZ operation states that they separate and sort CRT tubes. Non-lead glass is cleaned in an onsite coating removal system and will be used to “manufacture new glass products.” The funnel glass and lead glass are “prepared for lead extraction” through an unidentified process. The CA recycler would like to send intact bare tubes to the AZ operator.

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- **A CRT device recycler in CA** learns of an operation in WA that offers to accept whole (bare) tubes. The WA operation states that they use the CRT tubes in a proprietary process that creates shielded vessels for the storage of radioactive wastes. The CA recycler would like to send intact bare tubes to the WA operator.

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- **A CRT device recycler in CA** learns of an operation in NV that offers to accept whole (bare) tubes. The NV operation states that they use the bare tubes to create new CRTs by cutting, cleaning, and reassembling the parts into new CRTs. The CA recycler would like to send intact bare tubes to the NV operator.

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- **A CRT device recycler in CA** separates, sorts, and cleans the coatings off CRT glass at their own facility. The leaded portion is sent to a secondary smelter. The non-leaded portion is being solicited by an architectural tile manufacturer within CA. The CA recycler would like to send as much non-leaded glass as the tile manufacturer can accept and consume.

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- **A CRT device recycler in CA** separates, sorts, and cleans the coatings off CRT glass at their own facility. The leaded portion is sent to a secondary smelter. The non-leaded portion is being solicited by a builder out of state that wishes to incorporate the glass into the concrete foundations of a new housing project. The CA recycler would like to send as much non-leaded glass as the builder can accept and consume.

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- **A CRT device recycler in CA** separates, sorts, and cleans the coatings off CRT glass at their own facility. The leaded portion is sent to a secondary smelter. The CA recycler cannot identify a feasible market for the non-leaded portion. The CA recycler would like to send the non-leaded glass to a Class 3 disposal unit (landfill) for disposal.



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- **A CRT device recycler in CA** separates, sorts, and cleans the coatings off CRT glass at their own facility. The leaded portion is sent to a secondary smelter. The CA recycler would like to send the non-leaded glass to a Class 3 landfill to be used as an alternative daily cover.